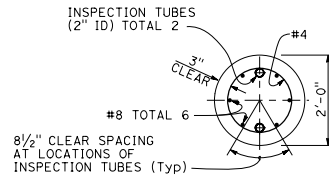
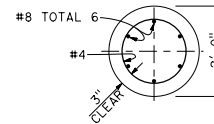
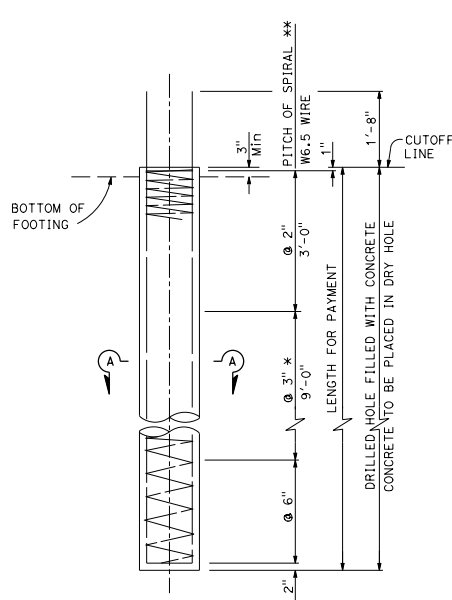
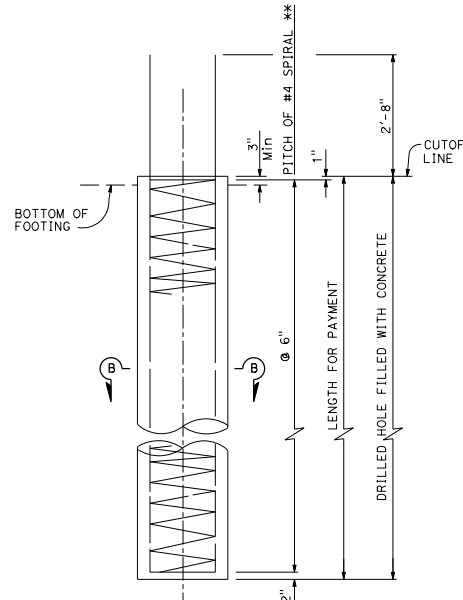


SECTION A-A

SECTION B-B  
(With inspection tubes)SECTION B-B  
(Without inspection tubes)ELEVATION  
90 kip AND 140 kip  
DESIGN CAPACITYELEVATION  
200 kip  
DESIGN CAPACITY

\* @ 2" at option of Contractor

\*\* Extend at 2" pitch to top of anchor piles and load test piles.  
For longitudinal reinforcement for anchor piles and load test piles,  
see "Load Test Pile Details (2)", Standard Plan B2-10.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

Amir M. Malek  
No. C62397  
Exp. 9-30-19  
CIVIL  
STATE OF CALIFORNIA

May 31, 2018  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS  
OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
THE ACCURACY OR COMPLETENESS OF SCANNED  
COPIES OF THIS PLAN SHEET.

## NOTES:

1. Reinforcement extending into footing shall be hooked as required to provide clearance to top of footing.
2. Piles shall be extended only in accordance with details shown on the Project Plans.

## DESIGN NOTES:

## REINFORCED CONCRETE

$f_y = 60,000$  psi

$f'_c = 4,000$  psi

## DESIGN CAPACITY

## 90 kip and 140 kip PILE

## COMPRESSION:

- 140 kip (Service state)
- 280 kip (Nominal axial structural resistance)

## TENSION:

- 56 kip (Service state)
- 140 kip (Nominal axial structural resistance)

## 200 kip PILE

## COMPRESSION:

- 200 kip (Service state)
- 400 kip (Nominal axial structural resistance)

## TENSION:

- 80 kip (Service state)
- 200 kip (Nominal axial structural resistance)

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

# 16" AND 24" CAST-IN-DRILLED-HOLE CONCRETE PILE

NO SCALE

**B2-3**